

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Arjen BRANDSMA

Serial No. (unknown)

Filed herewith

TRANSMISSION BELT PROVIDED
WITH TRANSVERSE ELEMENTS HAVING
A DISPLACEABLE CONTACT LINE

PRELIMINARY AMENDMENT

Commissioner for Patents

Washington, D.C. 20231

Sir:

Prior to the first Official Action and calculation of the filing fee, please amend the above-identified application as follows:

Please replace the paragraph on page 3, beginning at line 6. with the following rewritten paragraph:

--A further and surprising advantage of the transmission belt according to the invention is that, when it passes along the bent trajectory part the positional accuracy of the transverse elements with respect to the pulley sheaves is advantageously effected. In particular the tendency of the elements to tilt about an axial of the transmission belt is reduced. When the rocking edge extends in radially inward direction to about half a radial dimension of an axial side face of the elements that is contacting the pulleys, a particularly stable configuration is achieved. This advantage enables that the finishing processing of a protrusion and hole combination, which is incorporated in the known transverse elements for alignment and/or positioning of the elements by the protrusion protruding from the said principle plane of a first element into the hole of an adjacent element, can now be

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less accurate. A protruding height of the protrusion may even be less pronounced with respect to the overall dimensioning of the transmission belt, because in the belt according to the invention it predominantly serves to align and/or position the elements when they pass from one pulley to the other in the pushing trajectory part where the tilting angle is approximately zero. Accordingly, a further embodiment of the invention is characterised in that the protruding height of the protrusion is smaller than a maximum tilting clearance between two mutually contacting elements when they pass along the bent trajectory part between the sheaves of the pulley, at least when measured in the longitudinal of the belt, i.e. the tangential direction, at the location of the protrusion.--

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Please replace the paragraph on page 4, beginning at line 10, with the following rewritten paragraph:

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--It is noted that the publication, JP-A-2000-074150, discloses a belt's transverse element having the said protrusion/hole combination as well as a rocking edge showing a curvature having a radius defined between a minimum value determined by the maximum permissible Herzian stress acting on said rocking edge at any speed ratio of transmission and a maximum value determined by the precondition that a total of clearances including a clearance caused by the Herzian stress acting on the rocking edge is smaller than a protruding height of the element's protrusion part. This document does not indicate either of the invented requirements or the effects thereof disclosed by the present invention.--

Please replace the paragraph on page 5, beginning at line 13, with the following rewritten paragraph:

a3

--In figure 2 a view in the longitudinal direction of the drive belt and in a side elevation thereof is provided. In this example of the transmission belt 4 according to the invention it is shown that the carrier 9 is composed of two